RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _/0/568,707_

Source: _/FWP_

Date Processed by STIC: _2/27/06_

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: _10/568,707_ CRF Edit Date: _3/1/06_
Edited by: _hv_

_____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

_____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

_____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

_✓_ Deleted: _/_ invalid beginning/end-of-file text ; ___ page numbers

_____ Inserted mandatory headings/numeric identifiers, specifically:

_____

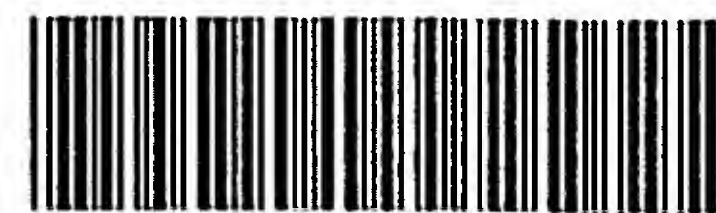_____ Moved responses to same line as heading/numeric identifier, specifically:

_____

_____ Other:

_____
_____
_____

Revised 09/09/2003

IFW

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/568,707

DATE: 03/01/2006
TIME: 16:09:55

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\03012006\J568707.raw**

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    4        Amit, Ido
    5        Yakir, Liat
    7 <120> TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES AND ANTIBODIES AND USE THEREOF
IN
    8        TREATING TSG101-ASSOCIATED DISEASES
   10 <130> FILE REFERENCE: 31570
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/568,707
C--> 12 <141> CURRENT FILING DATE: 2006-02-17
   12 <160> NUMBER OF SEQ ID NOS: 53
   14 <170> SOFTWARE: PatentIn version 3.2
   16 <210> SEQ ID NO: 1
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   18 <212> TYPE: DNA
   19 <213> ORGANISM: Homo sapiens
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   26 aggaggctcg gaaacgcctg gagtaccaga tgtgtttggc aaaagaagct ggggcagatg    180
   28 acattctcga catctctaaa tgtgagctct cagagattcc atttggagct tttgcaacat    240
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   62 taacccagga ggagactgag agcctgcggc gacgtgacgt tgcctccgcc atgcagcaga   1260
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 82 gccagctggt ggccctcctg gaggagctgt cggctgagca ctacctgccc atctttgcgc  1860
 84 accaccgcct ctcactggac ctgctgagcc aaatgagccc aggggacctg gccaaggtgg  1920
 86 gcgtctcaga agctggcctg cagcacgaga tcctccggag agtccaggaa ctgctggatg  1980
 88 cagccaggat ccagccagag ctgaaaccac caatgggtga ggtcgtcacc cctacggccc  2040
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108 cgcccctgca ggagcttggg tcctcatctg ggggccatgc acaggcccgt cccaccctgc  2640
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114 ccagaacccc ggggccctcc tgctctccac aactgtccct ccttacccca tgtagctcga  2820
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118 aaaaaaaaaa aaa                                                     2893
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122 <211> LENGTH: 723
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124 <213> ORGANISM: Homo sapiens
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133              20                  25                  30
136 Ile Leu Asp Ile Ser Lys Cys Glu Leu Ser Glu Ile Pro Phe Gly Ala
137          35                  40                  45
140 Phe Ala Thr Cys Lys Val Leu Gln Lys Lys Val Leu Ile Val His Thr
141      50                  55                  60
144 Asn His Leu Thr Ser Leu Leu Pro Lys Ser Cys Ser Leu Leu Ser Leu
145 65                  70                  75                  80
148 Ala Thr Ile Lys Val Leu Asp Leu His Asp Asn Gln Leu Thr Ala Leu
149              85                  90                  95
152 Pro Asp Asp Leu Gly Gln Leu Thr Ala Leu Gln Val Leu Asn Val Glu
153             100                 105                 110
156 Arg Asn Gln Leu Met Gln Leu Pro Arg Ser Ile Gly Asn Leu Thr Gln
157             115                 120                 125
160 Leu Gln Thr Leu Asn Val Lys Asp Asn Lys Leu Lys Glu Leu Pro Asp
161         130                 135                 140
164 Thr Val Gly Glu Leu Arg Ser Leu Arg Thr Leu Asn Ile Ser Gly Asn
165 145                 150                 155                 160
168 Glu Ile Gln Arg Leu Pro Gln Met Leu Ala His Val Arg Thr Leu Glu
169             165                 170                 175
172 Met Leu Ser Leu Asp Ala Ser Ala Met Val Tyr Pro Pro Arg Glu Val
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Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\03012006\J568707.raw**

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177        195            200            205
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181     210            215            220
184 Gln Asp Gly Ile Glu Asn Ser Arg Asp Ser Pro Asp Gly Pro Thr Asp
185 225            230            235            240
188 Arg Phe Ser Arg Glu Glu Leu Glu Trp Gln Asn Arg Phe Ser Asp Tyr
189            245            250            255
192 Glu Lys Arg Lys Glu Gln Lys Met Leu Glu Lys Leu Glu Phe Glu Arg
193        260            265            270
196 Arg Leu Glu Leu Gly Gln Arg Glu His Thr Gln Leu Leu Gln Gln Ser
197        275            280            285
200 Ser Ser Gln Lys Asp Glu Ile Leu Gln Thr Val Lys Glu Glu Gln Ser
201        290            295            300
204 Arg Leu Glu Gln Gly Leu Ser Glu His Gln Arg His Leu Asp Ala Glu
205 305            310            315            320
208 Arg Gln Arg Leu Gln Glu Gln Leu Lys Gln Thr Glu Gln Asn Ile Ser
209            325            330            335
212 Ser Arg Ile Gln Lys Leu Leu Gln Asp Asn Gln Arg Gln Lys Lys Ser
213        340            345            350
216 Ser Glu Ile Leu Lys Ser Leu Glu Asn Glu Arg Ile Arg Met Glu Gln
217        355            360            365
220 Leu Met Ser Ile Thr Gln Glu Glu Thr Glu Ser Leu Arg Arg Arg Asp
221        370            375            380
224 Val Ala Ser Ala Met Gln Gln Met Leu Thr Glu Ser Cys Lys Asn Arg
225 385            390            395            400
228 Leu Ile Gln Met Ala Tyr Glu Ser Gln Arg Gln Asn Leu Val Gln Gln
229            405            410            415
232 Ala Cys Ser Ser Met Ala Glu Met Asp Glu Arg Phe Gln Gln Ile Leu
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236 Ser Trp Gln Gln Met Asp Gln Asn Lys Ala Ile Ser Gln Ile Leu Gln
237        435            440            445
240 Glu Ser Ala Met Gln Lys Ala Ala Phe Glu Ala Leu Gln Val Lys Lys
241 450            455            460
244 Asp Leu Met His Arg Gln Ile Arg Ser Gln Ile Lys Leu Ile Glu Thr
245 465            470            475            480
248 Glu Leu Leu Gln Leu Thr Gln Leu Glu Leu Lys Arg Lys Ser Leu Asp
249            485            490            495
252 Thr Glu Ser Leu Gln Glu Met Ile Ser Glu Gln Arg Trp Ala Leu Ser
253        500            505            510
256 Ser Leu Leu Gln Gln Leu Leu Lys Glu Lys Gln Gln Arg Glu Glu Glu
257        515            520            525
260 Leu Arg Glu Ile Leu Thr Glu Leu Glu Ala Lys Ser Glu Thr Arg Gln
261        530            535            540
264 Glu Asn Tyr Trp Leu Ile Gln Tyr Gln Arg Leu Leu Asn Gln Lys Pro
265 545            550            555            560
268 Leu Ser Leu Lys Leu Gln Glu Glu Gly Met Glu Arg Gln Leu Val Ala
269            565            570            575
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276 His Arg Leu Ser Leu Asp Leu Leu Ser Gln Met Ser Pro Gly Asp Leu
277         595             600             605
280 Ala Lys Val Gly Val Ser Glu Ala Gly Leu Gln His Glu Ile Leu Arg
281     610             615             620
284 Arg Val Gln Glu Leu Leu Asp Ala Ala Arg Ile Gln Pro Glu Leu Lys
285 625             630             635             640
288 Pro Pro Met Gly Glu Val Val Thr Pro Thr Ala Pro Gln Glu Pro Pro
289             645             650             655
292 Glu Ser Val Arg Pro Ser Ala Pro Pro Ala Glu Leu Glu Val Gln Ala
293         660             665             670
296 Ser Glu Cys Val Val Cys Leu Glu Arg Glu Ala Gln Met Ile Phe Leu
297         675             680             685
300 Asn Cys Gly His Val Cys Cys Cys Gln Gln Cys Cys Gln Pro Leu Arg
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308 His Ser Ser
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313 <211> LENGTH: 2044
314 <212> TYPE: DNA
315 <213> ORGANISM: Mus musculus
317 <400> SEQUENCE: 3
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322 caatggtttg tatctgtggc caagtcttcg gagtgactgg cctaccttga ggtccaccca  180
324 agaatcggaa catcggtgga ggacctcccc atccacagag ccagggtcca gaagagctca  240
326 caccggagga tgcccctctt ctttcggaag cggaaaccca gtgaggaggc tcgaaaacgc  300
328 ctggagtacc agatgtgtct ggcaaaagaa gctggggcag atgacattct cgacatctct  360
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332 aaggtgttga ttgtccatac aaaccacctc acctccctgc ttcccaagtc ctgcagcctc  480
334 ttgagccttg tcaccatcaa ggttctggat ctccatgaga accagctgac agcccttcct  540
336 gatgacatgg ggcagctgac agtcctgcag gtattgaatg tggaaagaaa tcaactcacg  600
338 catctccctc gctctattgg gaacctgctg cagctccaga cgctcaatgt aaaagacaac  660
340 aagctgaagg agcttcctga caccctgggg gagctgcgga gcctgcggac actcgacatt  720
342 agtgagaacg agattcagag acttccccag atgctggcgc acgtgcggac cctggagacg  780
344 ctgagcctca cgccttggc aatggtctac cccccaccag aggtgtgtgg cgctggcact  840
346 gcggccgtgc agcagttcct ctgcaaagag tcaggactgg actattaccc accttctcag  900
348 tacctgctgc cagtcctgga gcaagatgga gcagagaaca cccaagacag ccccgatgga  960
350 cccgcaagcc gattctccag ggaggaggct gaatggcaga atcggttctc cgactacgag 1020
352 aagcggaagg agcagaagat gctggagaag ctggagttcg agcggcgcct ggaccttggg 1080
354 cagcgggagc acgctgagct actgcagcag agccacagcc acaaggacga gatcctgcag 1140
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358 gatgcagagc ggcagcagct gcaggagcag ctcaagcaga cggagcagag catcgccagc 1260
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364 gagaacctca ggcagcgtga gatcgccgcc gccatgcagc agatgctgac ggagagctgt 1440
366 aagagccggc tcatccagat ggcctatgag tctcagaggc agagcctggc gcagcaggcc 1500
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RAW SEQUENCE LISTING   DATE: 03/01/2006
PATENT APPLICATION: **US/10/568,707**   TIME: 16:09:55

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\03012006\J568707.raw**

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372 gaggctctcc aggtgaagaa ggacctgatg catcggcaga tcaggaacca gattaggcta   1680
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378 ctcctgaaag agaagaagca gcgggaagag gaactccatg gcatcctggc ggaattagag   1860
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392 <213> ORGANISM: Mus musculus
394 <400> SEQUENCE: 4
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401             20                  25                  30
404 Thr Gln Glu Ser Glu His Arg Trp Arg Thr Ser Pro Ser Thr Glu Pro
405         35                  40                  45
408 Gly Ser Arg Arg Ala His Thr Gly Gly Cys Pro Ser Ser Phe Gly Ser
409     50                  55                  60
412 Gly Asn Pro Val Arg Arg Leu Glu Asn Ala Trp Ser Thr Arg Cys Val
413 65                  70                  75                  80
416 Trp Gln Lys Lys Leu Gly Gln Met Thr Phe Ser Thr Ser Leu Asn Val
417             85                  90                  95
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429 <211> LENGTH: 2971
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438 catccttgac atctctaagt gcgagctttc cgagattcca tttggggctt ttgcaacgtg   180
440 caaagttcta cagaaaaagg tgttgattgt ccacacaaac catctcacct ccctgctgcc   240
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444 gctgacagcc cttcctgacg atattgggca gctgacagcc ctgcaggtat tgaatgtaga   360
446 aaggaatcaa ctgacacacc tcccacgctc tgttgggaac ctgctgcagc tccagaccct   420
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456 gcgtaccctc gacatcagtg aaaatgagat ccagagactt ccccagatgc tggctcatgt   720
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VERIFICATION SUMMARY   DATE: 03/01/2006
PATENT APPLICATION: **US/10/568,707**   TIME: 16:09:56
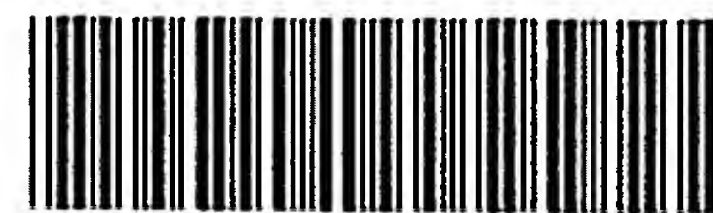
Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\03012006\J568707.raw**

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing
(for reference only)

IFWP

RAW SEQUENCE LISTING   DATE: 02/27/2006
PATENT APPLICATION: US/10/568,707   TIME: 15:04:31

        Input Set : A:\31570 Sequence Listing.txt
        Output Set: N:\CRF4\02272006\J568707.raw

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   4   Amit, Ido
   5   Yakir, Liat
   7 <120> TITLE OF INVENTION: POLYNUCLEOTIDES, POLYPEPTIDES AND ANTIBODIES AND USE THEREOF
IN
   8   TREATING TSG101-ASSOCIATED DISEASES
  10 <130> FILE REFERENCE: 31570
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/568,707
C--> 12 <141> CURRENT FILING DATE: 2006-02-17
  12 <160> NUMBER OF SEQ ID NOS: 53
  14 <170> SOFTWARE: PatentIn version 3.2

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

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  1477 <220> FEATURE:
  1478 <223> OTHER INFORMATION: Single strand DNA oligonucleotide
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VERIFICATION SUMMARY   DATE: 02/27/2006
PATENT APPLICATION: US/10/568,707   TIME: 15:04:32

Input Set : A:\31570 Sequence Listing.txt
Output Set: N:\CRF4\02272006\J568707.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1487 M:254 E: No. of Bases conflict, this line has no nucleotides.